

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	HK Systems, Incorporated
Address:	2100 Litton Lane, Hebron, Kentucky 41048
Date application received:	11/08/00, 04/26/05, 06/17/05 & 08/14/2005
SIC/Source description:	3535, Conveyors and Conveying Equipment
Source ID #:	21-015-00078
Source A.I. #:	188
Activity #:	APE20050001
Permit number:	V-05-023

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☒ Area is non-attainment (list pollutants): Ozone, PM_{2.5}

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	1.94	48.7	N/A
SO ₂	0.0017	0.0079	N/A
NO _x	0.290	1.31	N/A
CO	0.244	1.10	N/A
VOC	14.92	176.84	20.0
Ethyl Benzene (CAS No. 100-41-4)	0.268	0.359	N/A
Glycol Ethers (CAS No. 112-34-5)	1.62	3.32	N/A
Toluene (CAS No. 108-88-3)	1.15	1.54	N/A
Xylene (CAS No. 1330-20-7)	1.34	1.80	N/A
Source wide HAPs	4.38	7.02	N/A

SOURCE DESCRIPTION:

See Statement of Basis

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

VOC emissions shall not exceed 20 tons per any twelve (12) consecutive month period to preclude the applicability of 401 KAR 59:225, Section 3. Phosphoric acid emissions shall not exceed 1.96 tons/year so as to demonstrate compliance with 401 KAR 63:020.